

ABSTRACT

Independently controlling the transmitted power of each subchannel by
5 a subchannel control loop is described. A transmitting station generates a
channel made up of a sum of subchannels wherein each subchannel or group of
subchannels is amplified with a unique gain value that is varied in accordance
with subchannel power control messages from the receiving station. The
receiving station generates each subchannel power control message subsequent
10 to monitoring and calculating metrics based on that received subchannel.